

Abstract of the Disclosure

INDEPENDENT METERING VALVE ASSEMBLY FOR MULTIPLE HYDRAULIC LOAD FUNCTIONS

A hydraulic system, particularly suitable for use in a work machine, is provided with a hydraulic pressure source. A first hydraulic load is associated with a first load function. A second hydraulic load is associated with a second load function. An independent metering valve assembly includes a plurality of independently and electronically controllable valves. The independent metering valve assembly includes an inlet fluidly coupled with the pressure source, a first outlet fluidly coupled with the first hydraulic load, and a second outlet fluidly coupled with the second hydraulic load. The hydraulic system is configured such that the independent metering valve assembly may operate and drive multiple hydraulic load functions.